

#1.
California Coast.

D^r 4303 to D^r 4319.

H_y. 4789 to H_y. 4790.

Mch. 1st to 7th, 1904.

~~H.~~

Dr. 4303 - Dr. 4319.
and

~~Hg. 4789 - Hg. 4793.~~

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Next	44689		
50	n	Br. 4308		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Don't mark off numbers; leave
a blank instead -

P.L. = 18.7

Franklin
No. D^r. 4303 Date March 1, 1904.
Tanner Machine Reel.

Turns 20 Cor. + 1 Depth 21 fms.

Shot or lead 30 lbs

Bottom ~~Kelp & Col. S. (Smooth sand.)~~

Bottom temperature

No. of thermometer (98.24.9) from Cor.

Corrected temperature

Air 64 Surface 63 Drift 1° South

Trawl or dredge 11' Tanner, dinner-end tail wts., sink.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.F. DOWN.	UP.		P.F. DOWN.	UP.
3.53.00	3.54.35	0	3.57.30	4.26.20
3.53.35	3.54.10	200	3.57.30	4.24.10
		300		
		400	2.5 Min.	1
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off San Diego, California -
Pt Loma Light, N 12° W., 6¹/₁₀'

OK
1000.

{ S. S. by \$, 0-1.
bc., Ci. 4.
Barom. 30.03
Smooth Sea.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

CS 45100.

weather conditions, etc.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200		n^		
300				
400				
500				
600				
700				
800				
900				
1000				

Albatross.

U. S. FISHERIES ST'R ALBATROSS.

REMARKS:

No. 4303 Date 1 Mar. 04.

Tanner Machine. Reel.

Turns 23 Cor. + 1 Depth 24 fms.

Shot or lead 30 ft

Bottom

Bottom temperature 8° Thermo. did not act

No. of thermometer 9824.9 Cor.

Corrected temperature

Air 64 Surface 63 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		DOWN.	UP.
4.26.30	4.29.10	0		
4.27.00	4.28.30	722 400	no dredge	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4.29 ahead
4.40 stopped

80
3 35 6
3 35 6

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*N.W.R.
H. E. Traw Kit*

No Dr 4304 Date March 1-1904

Tanner Machine. Reel.

Turns 24 Cor. + 1 Depth 25 fms

Shot or lead 30 lbs

Bottom cro. up. S.

Bottom temperature 52°

No. of thermometer 9824.7 Cor. (N 36.8)

Corrected temperature

Air 64 Surface 63 Drift 1/10

X Trawl or dredge 11' Tanner, Run weight 100 lbs and sounding

PM SOUNDING WIRE PM		TURNS.	PM DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.42.00	4.45.00	0	4.48.00	5.13.15
-40	4.44.30	30		
		100	4.51.00	5.10.15
		56		
		200		
		300	19 min.	
		400		
		500		
x also a		600		
fixed Bay		700	attached	5
tail of net.		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pt Loma light, N 2° 21', 5.9'

SC
800.
800.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Six force 1
Bar. 30.02
Smooth sea
Fair - low thin
haze. Partly cloudy over head.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4304 Date March 34.

Tanner Machine. Reel.

Turns 24 Cor. + 1 Depth 25 fms

Shot or lead 30 ft

Bottom Sh. g. ins. S.

Bottom temperature 52°

No. of thermometer 98247. Cor.

Corrected temperature

Air 63 Surface 60 Drift

Trawl or dredge

P. m	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
	J. 18.00	J. 15.20	0		
	J. 13.10	J. 14.20	100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 105 Date Nov. 1
 Tanner Machine Reel.
 Turns Cor. + Depth 67 fms.
 Shot or lead 30 lbs.
 Bottom Gy. S. K. B. R. S. B.
 Bottom temperature 49.9°
 No. of thermometer 982.4° Cor. 5.1°
 Corrected temperature 49.8°
 Air Surface 59° Drift 1°
 Trawl or dredge 11 ft. Tanner

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
ALL DOWN.	AM UP.		AM DOWN.	A M
11.10	11.10	60°	8.30.00	7.31.00
11.10	11.10	70°	8.30.00	7.31.00
		100°	9.00.10	9.27.30
		120°	9.01.30	9.26.30
		300		
8.34.00	8.34.00	400		
5.11.00	5.11.00	500	8.15.25	7.11.00
		600		
		700	Very small haul	
		800		
		900		
		1000	From whale boat	
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	
		2600	
		2700	
		2800	
	A M time	2900	
T.D. 24.	9.28.28	3000	
wind		3100	
W. 30.0 d. 55° N.	1.2	3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
DIST.	4.2	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Tamm Machine Reel

Turns 113 Cor. + 3 Depth 116 fms

~~Shoal~~ lead 30 lbs

Bottom fine gravel

Bottom temperature 48°

No. of thermometer 98247 Cor.

Corrected temperature

Air 55° Surface 59° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 29.00	9. 39.30	0		
9. 30.00	9. 37.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400	101.35	09 m		
500				
600	64		+3	67
700	59			
800	56			
900	53			
1000	51			

REMARKS:

No. 214416 Date 1
 Turner Machine Reel.

Turns 202 Cor. + 5 Depth 2074

Shot or lead 30

Bottom gr m , fri. p.

Bottom temperature

No. of thermometer $\frac{1}{2}$ not used Cor.

Corrected temperature (S.G.)

Air. 70° Surface 59° Drift 17

Trawl or dredge 11' Turner wire

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	10.0	12.0
		100	10.0	12.0
		200	10.0	12.0
		300	10.0	12.0
		400	10.0	12.0
		500	11.0	12.0
		600	12.0	12.0
		700	13.0	12.0
		800	14.0	12.0
		900	15.0	12.0
		1000	16.0	12.0
		1100	17.0	12.0
		1200	18.0	12.0
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10³ 10³

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Bar 30.
Therm atl.
11.40 - 11.51
atmos.

11.40 — 11.51
SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				16
700				
800				
900				
1000				

Read on a 35° REMARKS: shot

No. 54306 Date Nov. 2, '04

Turner Machine Reel.

Turns Cor. + Depth

Shot or lead 30 lbs

Bottom gr M.G

Bottom temperature 40.2

No. of thermometer 9824.7 Cor.

Corrected temperature

Air 70 Surface 70 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. ~~1111~~ Date 2 1900
Tanner Machine. Reel.

Turns 44 Cor. + 3 Depth 77 fms.

Shot or lead 20 ft.

Bottom 8 m. 11

Bottom temperature

No. of thermometer 12 Cor.

Corrected temperature

Air 69 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
156	256	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. ~~1~~ Date

Trawl Machine Reel.

Turns 74 Cor. + 3 Depth

Shot or lead 30 ft.

Bottom fm. m. S. R.

Bottom temperature

No. of thermometer None Cor.

Corrected temperature

Air 67 Surface 6 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Dr. 4307 Date 2 March 04

Yankee Machine Reel.

Turns 165 Cor. + 4 Depth 169 fms.

Shot or lead 30

Bottom for S.

Bottom temperature

No. of thermometer none Cor.

Corrected temperature (55°)

Air 69 Surface 69 Drift 18/10

Trawl or dredge 11' 11"

Pm.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
			0		100
			100		200
			200		300
			300		400
			400		500
			500		600
			600		700
			700		800
			800		900
			900		1000
			1000		1100
			1100		1200
			1200		1300
			1300		1400
			1400		1500
			1500		1600
			1600		1700
			1700		1800
			1800		1900
			1900		2000
			2000		2100
			2100		2200
			2200		2300
			2300		2400

10⁶/10⁶

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Bu. 30.05
North Pac. lower
Brook.

Animal life

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Jan. 2. 04

Sisshac Machine.

Reel.

Turns Cor. +

Depth

4.00

Shot or lead 30 k.

Bottom on M'fns.

Bottom temperature

No. of thermometer

Zone

Cor.

Corrected temperature

Air 67 Surface 61 Drift

Trawl or dredge

Fm SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
	3.15	400		
		500		
		600		
	3.0	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

162
172
417

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4307 Date 3
 Sinker Machine Reel.
 Turns 453 Cor. + 43 Depth 496 fms.
 Shot or lead 36 lbs
 Bottom gn. m.
 Bottom temperature 40.3 °
 No. of thermometer 18 52.1 Cor.
 Corrected temperature
 Air 66.0 Surface 71.0 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
	400.00	200		
		300		
		400		
		450		
		600		
		700	Little resistance	
		800	Very slight	
		900		
		1000	Weak	
		1100		
		1200	Ship -	
		1300		
		1400	Very strong	
		1500		
		1600	overhead with a	
		1700	chink	
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

4/55 4 1/2 27 1/2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. D-4508. Date 3 Nov '04,

Had a Lead Machine. — Recl.

Turns Cor. + Depth 8 fms

Shot or lead 8 # lead

Bottom hard sand

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air. get near Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
(1) Surface		0	10	9.33 ✓
		100		
(2) Small Plankton		200	15	9.33 ✓
		300		
(3) Small Plankton		400	9.40	9.40
		500		
		600	9.40	9.40
		700		
		800		
		900		
		1000		
		1100		
		1200		
V. plankton		1300	9.46	9.46
		1400		
(4) Small Plankton		1500		
		1600	10.00	10.00
		1700	10.05	10.05
(5) Small Plankton		1800		
		1900	10.10	10.10
		2000	10.10	10.10
		2100		
		2200		
		2300		
		2400		

Pt. Lays.		2500	
		2600	
S 34° 47' N, 141°		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
first level		3800	
caught		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				7
100				1
200				2
300				2
400				1
500				1
600				1
700				1
800				1
900				
1000				

REMARKS:

No.

Date March 3-1904 —

Woodland Machine. Reel.

Turns — Cor. + — Depth 8 fms

Shoot or lead 8.66 Hand

'Bottom' hard sand

Bottom temperature

No. of thermometer

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	10, 27, 00	10, 28, 10 ✓
		100		10, 30, am
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Anchorage at entrance to San Juan

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

D. 460. 2

No. 144789. Date

Machine. Reel.

Turns 69 Cor. + 2 Depth

Shot or lead 20

Bottom

Bottom temperature

No. of thermometer 12 Cor.

Corrected temperature

Air 62 Surface 61 Drift

Trawl or dredge Vertical 30

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	171	
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
1100				
1200				
1300				
1400				
1500				
1600				
1700				
1800				
1900				
2000				
2100				
2200				
2300				
2400				

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. D^E 4309 = Date

Machine. Reel.

Turns Cor. + Depth

Shoot or lead

Bottom ... fath.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge 11' fath.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pt Loma Light, Nov 5. 8/10

		2500		
		2600		
		2700		
		2800		
		2900		
Stevens, acoustic		3000		
Lt. and Army Spt.		3100	✓	
Bar. 34.08		3200	✓	
Mouth San Storm current		3300	✓	
		3400		
Penguins L. San		3500	✓	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date 3 Mar
 Tamm Machine. Reel.

Turns 71 Cor. + 2 Depth 7

Shot or lead 20 ft

Bottom free. S. A.

Bottom temperature

No. of thermometer 70 m. Cor.

Corrected temperature

Air 67 Surface 61 Drift

Fault or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

No. E. 4309 Date 17

Amer Machine Reel.

Turns 75 Cor. + 3.4 Depth

Shot or lead 20 ft.

Bottom

Bottom temperature 70° F. 100 fms. from

No. of thermometer 98.2 Cor.

Corrected temperature

Air 67 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Dr. 4310 Date

~~Machine.~~ Reel.

Turns 65 Cor. + 6 Depth 71 fms

Shot or lead 36

Bottom fine sand

Bottom temperature

No. of thermometer 98.242 Cor.

Corrected temperature

Air 66 Surface 61 Drift 9/10

Travel or dredge As

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.54.00	2.54.20	0		
		100	3.01.00	
		150	3.03.00	2.26.00
		200		
		300	✓ 456	
		400	22	
		500	24	
		600	25	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

14 Jan 1888 N 46° S. 8° 10'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. — Date 1
 Fathoms Machine. Reel.
 Turns 73 Cor. + 2 Depth 75 fms.
Shot or lead 26
 Bottom 5 m. S.
 Bottom temperature
 No. of thermometer 1 Cor.
 Corrected temperature
 Air 66 Surface 61 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DIPHTL.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 54310. Date

Mine - Machine. Reel.

Turns 3 Cor. + Depth

Shot or lead 26

Bottom 5 m. 74.5

Bottom temperature

No. of thermometer — Cor.

Corrected temperature

Air 66 Surface 6 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS,	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 40 Date

Machine.

Reel.

Turns Cor. + Depth

Shot or lead 26 lbs

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 57° Surface 59° Drift

Trawl or dredge

SOUNDING WIRE

air

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

8.36.00 8.39 0

26.20 26.25 100

200

300

400

500

47.00 Disturbed white bottom

for current - 600

700

800

900

2.000 0.000 1000

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 111 Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead 26 lbs

Bottom 2m

Bottom temperature

No. of thermometer not used Cor.

Corrected temperature

Air Surface 59 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
M DOWN.	M UP.		DOWN.	UP.
20.10	9.28110	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK		2500		
100		2600		
		2700		
		2800		
		2900		
NNW	162	3000		
Bar 30.	10"	3100		
Thal	57	3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 107 / Date

Tanner Machine. Reel.

Turns 107 Cor. + 3 Depth 61.0 fm

Shot or lead 26 lbs

Bottom 9m

Bottom temperature 48°

No. of thermometer 98 24.2 Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge 11' Trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
24.50	9.30.30	0	9.32.30	10.52.00
25.00	9.32.30	100	9.37.10	10.42.50
		200	11.	37.00
		300		
		400		500
		500	darning needles	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1 Date March 4th

Turns Machine Reel.

Turns 125 Cor. + 4 Depth 129

Shot or lead 3 lbs.

Bottom fine gravel 0' fms

Bottom temperature —

No. of thermometer not used Cor.

Corrected temperature

Air 60° Surface 59° Drift

Trawl or dredge —

SOUNDING WIRE, A M		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. E² 43115 Date March 4, 1947
 Turnover Machine Reel.

Turns 139 Cor. + 4 Depth 143 fms

Shot or lead 26 lbs

Bottom gm 742

Bottom temperature —

No. of thermometer ~~not used~~ Cor.

Corrected temperature

Air 60° Surface 59° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.53.05	10.56.00	0		
4.10	10.54.11	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Dr 4312 Date Mai. 4, '04

Turns Machine Reel.

Turns 131 Cor. + 4 Depth 135 fms

Shot or lead 26 lbs. weight

Bottom

Bottom temperature

No. of thermometer

Cor. (X) 1/1

Corrected temperature

Air 71° Surface 61° Drift 1.5 mds

Trawl or dredge 5' 1.5 mds 2.5 mds

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	12	
		100	11. 12. 13.	
		200	11. 13. 15.	
		300	11. 15. 17.	
		400		
		500		
		600		
		700		
		800		
		900		
<i>Sounding wire</i>		1000	1	mark 400,
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

40 fms. depth 3450 fms. 7/10

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
	12	3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

True slope 4 sec. SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. - Date 11 Nov. 4. 04

Machine. Reel.

Turns 108 Cor. + 2 Depth 111 fms.

Shot or lead

Bottom your gear

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 70° Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

J. S. L.

110

478

81

10

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. E-1312 Date March 11, 1914

Fathometer Machine Reel.

Turns 92 Cor. + 3 Depth 9.5 fms.

Shot or lead

Bottom grayish brownish rock

Bottom temperature —

No. of thermometer 115° F. Cor.

Corrected temperature

Air 70 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3 Date

Johnson Machine. Reel.

Turns 72 Cor. + 2 Depth

Slat or lead 2

Bottom 50 fms.

Bottom temperature 76 therm.

No. of thermometer none Cor.

Corrected temperature

Air 69 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Dr. 133. Date 11/11/00

Tanner Machine. Recl.

Turns 87 Cor. + 3 Depth 12

Shot or lead 268

Bottom gy S Sh Sh

Bottom temperature

No. of thermometer None Cor.

Corrected temperature

Air 64 Surface 61 Drift 810

Trawl or dredge 8' Tug, Sinker, 2000 ft. Dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.07.00	1.07.00	0	1.17.30	2.01.00
1.07.00	1.07.00	100	21.45	
		200		
		300	1.27.30	1.49.00
		400	= 21 min	
		500		
		600		
		700		
		800		
		900		
		1000		
7.01.00 - 7.14.00		1100		
		1200		
Hourly variation not marked.		1300		
		1400		
Surf. 1.25.		1500		
1.22.00 - 1.30.00		1600		
	26 min.	1700		
(F)		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Plumb Line. 345° F. 9° 10'

OK		2500		
NO. 3		2600		
		2700		
		2800		
		2900		
		3000		
W.M.		3100		
Gall.		3200		
P.	30.06	3300		
Temp. 30, 100, 1000		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

4 May, 04.

Tanner Machine. Reel.

Turns 150 Cor. + 6 Depth 154 fms.

Shot or lead ft 26.

Bottom by S. R.

Bottom temperature

No. of thermometer none Cor.

Corrected temperature

Air 64 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
134.15	138.15	0		
25.0	36.50	100		
135.20	136.50	200		
		300		
Trial		400		
		500		
(line in water)		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. E. 4313 Date 4/1/04

Anner Machine. Reel.

Turns 239 Cor. + 5 Depth 243 fms.

Shot or lead 26 ft

Bottom R.

Bottom temperature 44.1

No. of thermometer 78212 Cor.

Corrected temperature

Air 64 Surface 51 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 52.00	2. 21.00	0		
2. 52.00	5. 9.00	100		
3. 52.00	7. 7.00	200		
4. 52.00	1. 56.00	300		
		400		
		500		
		600		
	4/3/04	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Dr. 434, Date 4 Mar. '04

S. irishae Machine. Reel.

Turns 50 Cor. + Depth 6 fms.

Shot or lead 36 ft

Bottom 4 fm. S. irishae 6k. S. ir.

Bottom temperature

No. of thermometer Zone Cor.

Corrected temperature (S 32.7)

Air 60 Surface 60 Drift 10°

Trawl or dredge 11' tr. S. irishae S. ir. Dr.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.45.00	2.40.00	0	2.55.00	2.50.00
2.46.00	2.41.00	100	2.57.00	2.52.00
		200	3.04.00	2.94.00
		300		3.01.00
		400		3.00.00
		420		2.98.00
		500		2.96.00
		600		2.94.00
2.47.00	2.49.00	700	Indicates rocky or cal bottom	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
2.47.00	3.28.00	1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

47° F. 100 fms. N. 60° E.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
Noddy Shearwater	(S. C.)	3100	
Gentle Shearwater	(L. S.)	3200	W. 1. 10.
Brewster's S. or		3300	
Smooth Puffin		3400	
Parasitic Jaeger		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Griffit*

No.

Date

4 May 84

Sigsbee Machine. Reel.

Turns 56 Cor. + Depth 72 fms

Sheets or lead 36 ft

Bottom gy S.G.

Bottom temperature

No. of thermometer 7 Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

FOR SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.50	03.00	0		
2.50	02.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Sigsbee Machine. Reel.

Turns 225 Cor. + 22 Depth 48 fms

Shot or lead 36 lbs

Bottom 52 m

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 60 Surface 60 Drift

Prunt or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

4310
225
- 4085

205
185
23
225
248

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date Nov. 14,
Tanner Machine. Reel.

Turns Cor. + Depth 771

Shot or lead

Bottom

Bottom temperature 49°

No. of thermometer 9824 Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.37.10	3.41.10	0		
—	3.40.50	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1112 Date 4/21/04

Linnbee Machine. Reel.

Turns 400 Cor. + Depth 492 fms

Shot or lead 26 kg

Bottom gr m

Bottom temperature 40°

No. of thermometer 9 Cor.

Corrected temperature

Air 61° Surface 61° Drift

Trawl or dredge

SOUNDING WIRE		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
200	200	0		
400	400	100		
600	600	200		
800	800	300		
1000	1000	400		
1200	1200	500		
1300	1300	600		
1400	1400	700		
1500	1500	800		
1600	1600	900		
1700	1700	1000		
1800	1800	1100		
1900	1900	1200		
2000	2000	1300		
2100	2100	1400		
2200	2200	1500		
2300	2300	1600		
2400	2400	1700		

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	
450			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1 Date Mar. 5,

Trawl or Machine Reel.

Turns 65 Cor. + 2 Depth 61Shot or lead 26 lbsBottom Sea bedBottom temperature 49.9No. of thermometer 98.242 Cor.

Corrected temperature

Air 55° Surface 52° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1815 Hh 11/11/16 4310

202

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
Tan.	30.10°	3100	
Thall.	64.0°	3200	
over	18.65°	3300	
Zeroco	18.5°	3400	
Salt L. Pleasant	3500		
Sea of N. Pacific	3600		
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. D-4315. Date

Tanner. Machine. Reel.

Turns 66 Cor. + 2 Depth 6

Shot or lead 26 lbs

Bottom dry line 0

Bottom temperature 49°

No. of thermometer Cor.

Corrected temperature

Air 64° Surface 59° Drift none

Trawl or dredge Vertical

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Dr. 4316 Date

Sister	Machine.	Reel.
Turns	Cor. +	Depth
Shot or lead	36	
Bottom	free gy. S 1 chm	
Bottom temperature	49°	
No. of thermometer	9.8 - 4.2	Cor.
Corrected temperature		
Air	Surface	Drift Wind
Trawl or dredge V巾		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.54.00	9.00	0		
56.00	59.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off San Simeon N 35° E. 10° 10'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
P)	3500	
	3600	
	3700	- 100 fms. line.
S. 16	3800	
	3900	
	4000	70 fms

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Dr 4317 Date March 5, 1906
 Sisley Machine Reel.

Turns Cor. + 15 Depth 11

Shot or lead 5

Bottom fine sand

Bottom temperature 71

No. of thermometer 98.242

Cor.

Corrected temperature,

Air Surface Drift 2 $\frac{3}{10}$

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	11.07	30
		100	11.02	20
		200	11.02	
		300	11.02	
		400	11.02	
		500	11.02	
		600	11.02	
		700	11.02	
		800	11.02	
		900	11.02	30
		1000	11.02	10.50.
		2000		
		1100	Time	30 $\frac{1}{2}$
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900	Good Hand	
		2000	Variation	
		2100		
		2200		
		2300		
		2400		

At Fwd. Light, N 36° E., 11.0'

	2500'	
	2600	
	2700	161
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	5.5

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		9.33		
50		10.51		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Mar. 5th~~Sinker~~ Machine. Reel.

Turns 150 Cor. + Depth

Shot or lead 36 lbs

Bottom Rock

Bottom temperature

No. of thermometer ~~not used~~ Cor.

Corrected temperature

Air 60° Surface 60° Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURN.	DOWN.	UP.
9-444-00	9-449.00	0		
-	47.00	100		
9-445-00	46.00	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

DEPTH.	TEMP.	COR.	
25	25.5	2500	
50	16.3	2600	
100	10.5	2700	
200	11.0	2800	
300		2900	
400		3000	
500		3100	
600		3200	
700		3300	
800		3400	
900		3500	
1000		3600	
1200		3700	
1400		3800	
1600		3900	
1800		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Mar 5-04

Sight Machine Reel.

Turns 430 Cor. +

Depth 471

Shot or lead

Bottom

gr. m.

Bottom temperature

No. of thermometer

not used

Cor.

Corrected temperature

Air 60° Surface 60° Drift

Foul or dredge.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 59. 10	10.08.30	0		
58.30	07.20	100		
		200		
10. 60. 10	10.05.00	300		
01. 10	10.04.00	400		
01. 31	02.00	450 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date March 5

Sledges Machine Reel.

Turns 470 Cor. + 44 Depth 314

Shot or lead 36 lb

Bottom gn M

Bottom temperature —

No. of thermometer 1 Cor.

Corrected temperature

Air 60° Surface 60° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.20.00		0		
21.00		100		
22.40		200		
23.40	29.20	300		
24.35	10.00	400		
25.20	10.26.30	500		
		600		
		700		
		800		
Vertical Min. 0		900	10.30	
1	11	1000	10.30	
		1100	10.30	
import 10.	39	1200	10.30	
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 11457 Date 5

Sigsbee Machine. Reel.

Turns Cor. + Depth 510

Shot or lead 6 lb. 6 oz.

Bottom 22 fms.

Bottom temperature 40.0°

No. of thermometer Cor.

Corrected temperature 48.24°

Air 60° Surface 60° Drift

Trawl or dredge,

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10,35.40	30.10	0		
10,36.45	49.30	100		
37.35	48.22	200		
38.25	49.00	300		
* 79 10 46.00		400		
40	11.00	450		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607.
No.

318 Date 7 Mar 1904.

Machine Reel.

Turns 111 Cor. + 3 Depth 114 fms.

Shot or lead 26 ft.

Bottom

Bottom temperature

No. of thermometer 72 Cor.

Corrected temperature

Air 71 Surface 61 Drift None

Trawl or dredge N. Pacific

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
	10 - 12	1300		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off La Jolla -			
CE 1911 3000 fms. off La Jolla,			
	2500	570° E.	4 1/10'
	2600		
	2700		
	2800		
	2900		
	3000		34°. it rains
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		
1756.0	199.		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. — Date

Sounding Machine. Reel.

Turns 150 Cor. + 5 Depth 15

Shot or lead 36 ft

Bottom

Bottom temperature

No. of thermometer 1 Number Cor.

Corrected temperature

Air 71 Surface 66 Drift

Trawl or dredge

SOUNDING WIRE		TURNS	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

80°
✓

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Boat

No. Dr. 4319. Date 7 Mar. 04
 Sisbee Machine. Reel.

Turns 50 Cor. + 5 Depth 15 fms.

Shot or lead 36 lbs

Bottom fm. 7 m.

Bottom temperature 50.5

No. of thermometer 98 2/4 Cor.

Corrected temperature

Air 71 Surface 61 Drift

Trawl or dredge Vertical

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.43.00	10.48.10	0		
44.00	47.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Snd. Vertical,
no fms out.
10-50
10.43 - 10.49.
10-45 5 min

Surface currents

Soldaaashil, S 70° E., 3 $\frac{8}{10}$ '

J.C.
A.C.B.
J.W.

Clear and pleasant, hazy.
Light air & light breeze from
N.W. Bar. 29.97.
Smooth sea.

75^m wide

44^m deep -